

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

MAY 2003

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 12723-7	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.	
International application No. PCT/CA 03/01291	International filing date (day/month/year) 03/09/2003	(Earliest) Priority Date (day/month/year) 03/09/2002
Applicant NEUROLOGICAL TECHNOLOGIES INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

USE OF GUANOSINE OR INOSINE AS ANTI-APOPTOTIC AGENTS IN THE TREATMENT OF I.A.
NEURODEGENERATIVE DISEASES OR INJURIES AT THE NERVOUS SYSTEM

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.
PC 03/01291

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/708 A61P25/14 A61P25/16 A61P25/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

The following data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94 00132 A (PF MEDICAMENT ; PEETERS MARIE A (FR); LEJEUNE JEROME (FR)) 6 January 1994 (1994-01-06) page 1, line 22-28 page 6, line 15-19 claims 1-12	1-14
X	LITSKY M L ET AL: "INOSINE AND GUANOSINE PRESERVE NEURONAL AND GLIAL CELL VIABILITY IN MOUSE SPINAL CORD CULTURES DURING CHEMICAL HYPOXIA" BRAIN RESEARCH, AMSTERDAM, NL, vol. 821, no. 2, 1999, pages 426-432, XP000995702 ISSN: 0006-8993	1-3, 13, 14
Y	abstract	4-12



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

5 January 2004

Date of mailing of the international search report

15/01/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/01291

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JUURLINK B H J ET AL: "AIT-082 (A HYPOXANTHINE DERIVATIVE), GUANOSINE AND METABOLITES STIMULATE NEURITE FORMATION IN HIPPOCAMBIAL NEURONS" DRUG DEVELOPMENT RESEARCH, NEW YORK, NY, US, vol. 43, no. 1, January 1998 (1998-01), page 55 XP002166458 ISSN: 0272-4391	1-3, 13, 14
Y	abstract	4-12
X	WO 99 11274 A (BENOWITZ LARRY I ;CHILDRENS MEDICAL CENTER (US)) 11 March 1999 (1999-03-11)	1-4, 7-14
Y	page 8, line 15-20 page 8, line 32 -page 9, line 30 claims 1-14	5, 6

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/01291

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9400132	A	06-01-1994	FR 2692784 A1	31-12-1993
			AT 169500 T	15-08-1998
			AU 4333893 A	24-01-1994
			DE 69320349 D1	17-09-1998
			DK 646009 T3	17-05-1999
			EP 0646009 A1	05-04-1995
			WO 9400132 A1	06-01-1994
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WO 9911274	A	11-03-1999	US 6440455 B1	27-08-2002
			AU 748961 B2	13-06-2002
			AU 6656898 A	22-03-1999
			CA 2302156 A1	11-03-1999
			CN 1286632 T	07-03-2001
			EP 1009412 A1	21-06-2000
			JP 2001516695 T	02-10-2001
			NZ 503073 A	26-11-2002
			WO 9911274 A1	11-03-1999
			US 2002137721 A1	26-09-2002
			US 2002128223 A1	12-09-2002
			US 2002055484 A1	09-05-2002
			US 2002042390 A1	11-04-2002
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